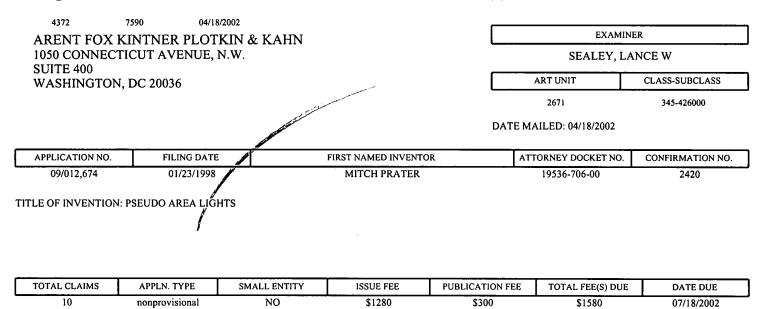


United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



NOTICE OF ALLOWANCE AND FEE(S) DUE



THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

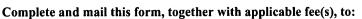
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



Box ISSUE FEE

Assistant Commissioner for Patents

Washington, D.C. 20231

where appropriate. All fu	rther correspondence in d below or directed of	cluding	the Patent, advance	ce orde	ers and notificat	ion o	t maintenance fees	willi	be mailed to the current	gh 4 should be completed correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) 4372 7590 04/18/2002 ARENT FOX KINTNER PLOTKIN & KAHN 1050 CONNECTICUT AVENUE, N.W. SUITE 400 WASHINGTON, DC 20036					ock I)	Note: The certificate of mailing below can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing. Certificate of Mailing I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.				
							•			(Depositor's name)
						_				(Date)
						<u> </u>				(5415)
APPLICATION NO.	FILING DATE			FIRST NAMED INVEN				ATT	ORNEY DOCKET NO.	CONFIRMATION NO.
09/012,674 FITLE OF INVENTION	01/23/1998 : PSEUDO AREA LIG	нтѕ		M	MITCH PRATER	₹			19536-706-00	2420
TOTAL CLAIMS	APPLN. TYPE	SM	IALL ENTITY		ISSUE FEE		PUBLICATION FE	E	TOTAL FEE(S) DUE	DATE DUE
10	nonprovisional		NO		\$1280		\$300		\$1580	07/18/2002
EXA	MINER		ART UNIT		CLASS-SUBC	LASS				
SEALEY	, LANCE W		2671		345-42600					
"Fee Address" indic PTO/SB/47) attached.	ND RESIDENCE DAT is an assignee is identified to the USPTO or is	" Indicat A TO B	E PRINTED ON w, no assignee da	THE P	attorney or ag registered pater is listed, no nan PATENT (print of l appear on the cover. Completion	ent) nt attente with the content of	ne) t. Inclusion of assi	of up If no ignee a subs	to 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	when an assignment has nment.
Please check the appropr	iate assignee category o	r catego	ries (will not be pr	rinted	on the patent)		□ individual □ c	orpor	ation or other private gr	oup entity 🖸 government
a. The following fee(s)	are enclosed:			-	nent of Fee(s):					
G Issue I ee							he fee(s) is enclose			
- I dolledtoll I ee			-	ment by credit card. Form PTO-2038 is attached. Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to						
☐ Advance Order - # o	f Copies		Do	eposit	Account Number	nerei	by authorized by cr	narge	the required fee(s), or come an extra copy of this f	orm).
The COMMISSIONER (ADEM	ARKS is requested	d to ap	ply the Issue Fe	e and	Publication Fee (i	f any)	or to re-apply any pre-	viously paid issue fee to the
Authorized Signature)			(Date)							
NOTE; The Issue Fee other than the applicar interest as shown by the Burden Hour Statement depending on the needs to complete this form and Trademark Office,	nt; a registered attorned records of the United States of the individual case, should be sent to the C	y or age states Pa d to take Any cor hief Info	enf; or the assign atent and Tradema c 0.2 hours to com mments on the am formation Officer.	nee or ork Off oplete. ount o	other party in ice. Time will vary of time required d States Patent					
and Trademark Office, FORMS TO THIS A Assistant Commissione	DDRESS. SEND FEE r for Patents, Washington	S AND on, D.C.	THIS FORM 1 20231	TO: B	lox Issue Fee,					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.			
09/012,674 01/23/1998		MITCH PRATER	19536-706-00	2420			
4372	7590 04/18/2002		EXAMINER				
	INTNER PLOTKIN (ICUT AVENUE, N.W.	& KAHN	SEALEY, LANCE W				
SUITE 400	COT AVENUE, IV. W.		ART UNIT	PAPER NUMBER			
WASHINGTON,	DC 20036		2671				
		DA	TE MAILED: 04/18/2002				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Notice of Allowability

Application No. 09/012,674

Applicant

Prater

Examiner

Lance Sealey

Art Unit **2671**



The MAILING DATE of this communication appears on the cov							
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS (or previously mailed), a Notice of Allowance and Issue Fee Due or other app THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. The initiative of the Office or upon petition by the applicant. See 37 CFR 1.3	ropriate communication will be mailed in due course. nis application is subject to withdrawal from issue at						
1. X This communication is responsive to the Amendment After Final I	This communication is responsive to the Amendment After Final rejection of 3/29/02						
2. X The allowed claim(s) is/are 1-10							
	The drawings filed on are acceptable as formal drawings.						
4. Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).							
a) All b) Some* c) None of the:							
1. Certified copies of the priority documents have been received.							
2. Certified copies of the priority documents have been receive	2. Certified copies of the priority documents have been received in Application No.						
3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).							
*Certified copies not received:							
5. Acknowledgement is made of a claim for domestic priority under	35 U.S.C. § 119(e).						
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communoted below. Failure to timely comply will result in ABANDONMENT of this EXTENDABLE.	nication to file a reply complying with the requirements application. THIS THREE-MONTH PERIOD IS NOT						
6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF IN reason(s) why the oath or declaration is deficient. A SUBSTITUTE	FORMAL APPLICATION (PTO-152) which gives JTE OATH OR DECLARATION IS REQUIRED.						
7. X Applicant MUST submit NEW FORMAL DRAWINGS							
(a) 🖾 including changes required by the Notice of Draftsperson's Page 1	atent Drawing Review (PTO-948) attached						
1) \square hereto or 2) \boxtimes to Paper No. $\underline{5}$.							
(b) including changes required by the proposed drawing correction approved by the examiner.							
(c) including changes required by the attached Examiner's Amer Paper No	ndment/Comment or in the Office action of						
Identifying indicia such as the application number (see 37 CFR 1.84 drawings should be filed as a separate paper with a transmittal letter	(c)) should be written on the drawings. The er addressed to the Official Draftsperson.						
8. Note the attached Examiner's comment regarding REQUIREMEN							
Any reply to this letter should include, in the upper right hand corner, to NUMBER). If applicant has received a Notice of Allowance and Issue F the NOTICE OF ALLOWANCE should also be included.	the APPLICATION NUMBER (SERIES CODE/SERIAL						
Attachment(s)							
1 Notice of References Cited (PTO-892)	2 Notice of Informal Patent Application (PTO-152)						
3 Notice of Draftsperson's Patent Drawing Review (PTO-948)	4 Interview Summary (PTO-413), Paper No 6 Examiner's Amendment/Comment						
5 Information Disclosure Statement(s) (PTO-1449), Paper No(s).	8 X Examiner's Statement of Reasons for Allowance						
7 Examiner's Comment Regarding Requirement for Deposit of Biological Material	an L 2						
9 Other	Mars ym						
	MARK ZIMMERMAN						
	SUPERVISORY PATENT EXAMINER						
C. Desert and Trademark Office	TECHNOLOGY CENTER 2600						

Response to Amendment

REASONS FOR ALLOWANCE

The following is an Examiner's Statement of Reasons for Allowance: No prior art anticipates or suggests finite light sources approximated by the use of a single point light source of varying intensity and location, as disclosed in independent claim 1. This element is defined in the specification in Figure 7 and at p.5, 1.9 to p.6, 1.11.

Any comments considered necessary by the applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance." Any inquiry concerning this communication should be directed to Lance W. Sealey at (703) 305-0026 (voice), (703) 308-6606 (fax).